

Intel® Core™ i7 5th Gen 3U VPX Products

XPedite7570



XPedite7572



XPedite7574



XPedite7575



General Information

Special Features	Baseline Product	SecureCOTS™ with SmartFusion®2 FPGA	Baseline Product	VITA 66.4 Fiber Optic Connector
Processor	Core™ i7-5700EQ: 2.6 GHz, 6 MB cache with Intel® HD Graphics 5600 Core™ i7-5850EQ: 2.7 GHz, 6 MB cache with Intel® Iris™ Pro Graphics 6200 Core™ i7-4700EQ: 2.4 GHz, 6 MB cache with Intel® HD Graphics 4600 Core™ i5-4402E: 1.6 GHz, 3 MB cache with Intel® HD Graphics 4600 Core™ i5-4422E: 1.8 GHz, 3 MB cache with Intel® HD Graphics 4600			
Chipset	QM87	QM87	QM87	QM87
SDRAM	Up to 8 GB DDR3L-1600	Up to 8 GB DDR3L-1600	Up to 8 GB DDR3L-1600	Up to 8 GB DDR3L-1600
NV Memory	Up to 32 GB NAND (SATA)	Up to 32 GB NAND (SATA)	Up to 32 GB NAND (SATA)	Up to 32 GB NAND (SATA)
Mezzanine(s)	XMC, PMC	XMC	XMC	XMC
Mezzanine I/O to BP	P1w9-X12d XMC	P1w9-X12d XMC	P2w1-X24s+X8d+X12d XMC	P1w9-X12d XMC
Ethernet	2x 1000BASE-BX/KX to P1 2x 10/100/1000BASE-T to P2	2x 1000BASE-BX/KX or 1x 10/100/1000BASE-T to P1 2x 10/100/1000BASE-T to P2	1x 10/100/1000BASE-T to P1 2x 1000BASE-BX/KX or 1x 10/100/1000BASE-T to P1	2x 1000BASE-BX/KX to P1 1x 10/100/1000BASE-T to P2
PCIe	x8 Gen3 XMC 2x x4 Gen2 NTB VPX	x8 Gen3 XMC 2x x4 Gen2 NTB VPX	x8 Gen3 XMC 2x x4 Gen2 NTB VPX	x8 Gen3 XMC 2x x4 Gen2 NTB VPX
Video	2x HDMI/DVI-D or 2x Dual-Mode DisplayPort	2x HDMI/DVI-D or 2x Dual-Mode DisplayPort	1x HDMI/DVI-D or 1x Dual-Mode DisplayPort	1x DisplayPort
USB 2.0	2	2	2	2
SATA 6 Gb/s	4	4	3	2
Serial	2x RS-232/422/485	2x RS-232/422/485	2x RS-232/422/485	1x RS-232/422/485
Software	XEL, V, W	XEL, V, W	XEL, V, W	XEL, V, W
2LM	Yes	Yes	Yes	Yes
Pitch	0.8", 0.85", and 1.0"	0.8", 0.85", and 1.0"	0.8", 0.85", and 1.0"	0.8", 0.85", and 1.0"
Status	Production	Production	Production	Production

NTB = Non-Transparent Bridge capability
 XEL = X-ES Enterprise Linux BSP
 V = Wind River VxWorks BSP
 W = Microsoft Windows drivers